Introduction		Water Quality Tes	<u>sting</u>	
important to aquesting water questing water samples.	uatic organisms and th Iality parameters. Tod Your teacher has colle	vironmental conditions ese parameters may be ay we will work with ind cted water samples fro d based on your under	e biotic or abiotic. The dicator solutions and h om four locations in our	re are many tools for ydrometers to test our area. Your job is to
accurately mix	chemicals and measure er to measure salinity.	should be able to follo e levels of ammonia, ni You will also begin to	trite, nitrate, and pH. `	You will also be able to
Locations: 1= East Pond 2= Jamaica Bay (inner) 3= Jamaica Bay (Beach Channel) 4= Atlantic Ocean			Bayriers Flaggeound Callenge Manage Galeway National Recentation fore, Serry Hood faul Broad Channel Wellands Broad Channel Channe	Head 8 Tomos Contry Cut Person Pan Chrystale (
<u>Hypotheses:</u> a) Which locatio salinity and why	n do you expect to hav ?	ve the highest	Playd Description See No. 1 Beach Ounced Pair Seyson Description Control Pair Seyson Descripti	Beach 599/3 Annual Fragget Buy Forkways Polygound Forkways
b) Which location	n do you expect to hav	e the highest nitrate a	nd why?	_
c) Which locatio	n do you expect to hav	re the highest ammonia	a and why?	_
d) Which location	n do you think Sample	A came from? Sam	ple B? Sample C?	Sample D?
·	nydrometer; water qua	ality testing kit (be care	eful, the vials are fragil	e)
Oldest person w Each individual				the origin of each
	Sample A	Sample B	Sample C	Sample D
Salinity				
pH • ·				
Ammonia				
Nitrite				
Nitrate				
Now where do you think this sample came from?				
Summary quest Is there great er biodiversity in the	nough variety in Rocka	way's ecosystems to su	upport biodiversity? Ho	ow can we increase —

Date___

Name_

1. 2. 3. 4.